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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449B/PTO		<b>Complete if Known</b>	
		Application Number	10/058,905
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Filing Date	January 30, 2002
		First Named Inventor	Kiwamu KASE
		Group Art Unit	2671
		Examiner Name	Peter PAPPAS
		Attorney Docket Number	ASAIN 0103
Sheet	1	of	1

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
PP	A	R.S. AVILA et al., A Haptic Interaction Method for Volume Visualization, Proceedings of the Visualization Conference, IEEE, XP-000704188, 1996, pp. 197-204.	—
RAP	B	U. ROY et al., Computation of a Geometric Model of a Machined Part from its NC Machining Programs, Computer-Aided Design, Vol. 31, 1999, pp. 401-411.	—

Examiner Signature		Date Considered	2/28/06
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<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/DBA (04-03)

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Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many shorts as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	10/058,905
Filing Date	January 30, 2002
First Named Inventor	Kiwamu KASE et al.
Art Unit	2671
Examiner Name	Peter PAPPAS
Attorney Docket Number	ASAIN0103

## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

[illegible]

Examiner Signature	<i>Kate - Johnson</i>	Date Considered	8/30/05
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Translation is attached.

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PTO/SB/068 (10-01)  
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		Filing Date	January 30, 2002
		First Named Inventor	Kiwamu KASE et al.
		Group Art Unit	2671
		Examiner Name	Peter Pappas
Sheet 2 of 2	Attorney Docket Number	ASAIN 0103	

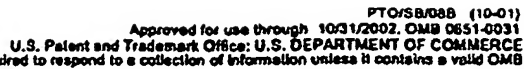
OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issu number(s), publisher, city and/or country where published	T <sup>2</sup>
PAP	B	K. KASE et al., Volume CAD-CW-complexes based approach, Computer-Aided Design (in press).	-
PAP	C	Developing Volume-CAD as the basis for next generation manufacturing, RIKEN News, March 2005, 9 pages, at <a href="http://www.riken.go.jp/eng/r-world/info/release/news/2005/mar/">www.riken.go.jp/eng/r-world/info/release/news/2005/mar/</a> .	-
PAP	D	Office Action regarding EP Application No. 02 002 407.1-1225, European Patent Office, dated January 1, 2004, 6 pages.	-
PAP	E	Response to the Summons to attend Oral Proceedings of March 16, 2005, dated May 6, 2005, regarding EP Application No. 02 002 407.1-1225, 7 pages.	-
PAP	F	Partial English machine translation, including paragraph [0033], of JP 2002-230054, provided by the Japanese Patent Office, 4 pages.	-

Examiner Signature	<i>Peter Anthony Pappas</i>	Date Considered	8/30/05
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**control number,**

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/058,905
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		First Named Inventor	Kiwamu KASE
		Grove Art Unit	2671
		Examiner Name	Peter Pappas
		Attorney Docket Number	ASAIN 0103
Sheet	1	of	1

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Examiner Signature	<i>Sta - Nathan - Ryan</i>	Date Considered	<i>4/27/05</i>
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**Complete if Known**

(Use as many sheets as necessary)

Sheet	1	of	2
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Application Number	10/058,905
Filing Date	January 30, 2002
First Named Inventor	Kiwamu KASE et al.
Art Unit	2185
Examiner Name	Unknown
Attorney Docket Number	ASAIN0103

## U. S. PATENT DOCUMENTS

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**FOREIGN PATENT DOCUMENTS**

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**Examiner  
Signature**

Let  $\mu = \mu_1 + \mu_2$  be the

Date Considered

11/6/62

Signature John A. Hines, Esq.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/058,905
Filing Date	January 30, 2002
First Named Inventor	Kiwamu KASE et al.
Art Unit	2185
Examiner Name	Unknown
Attorney Docket Number	ASAIN0103

Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
PAP	B	Tang ZESHENG, "Octree Representation and Its Applications in CAD." J. of Comput. Sci. & Technol. (Eng. Lang. Edition) Vol 7, No. 1 (1992), pp. 29-38.	—
PAP	C	Ajay KELA, "Hierarchical octree approximations for boundry representation-based geometric models." Computer Aided Design. Vol. 21, No. 6 (1989), pp. 355-362.	—
PAP	D	European Search Report in corresponding EP 02 00 2407 completed on May 28, 2003 and mailed June 11, 2003	—

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Examiner Signature	<i>John Pappas</i>	Date Considered	11/6/03
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Examiner Signature	<i>[Signature]</i>	Date Considered	3/8/06
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